

ABSTRACT

The invention provides a solution/device of controlling external parameters by using

Sub A2 of the same data cable and specific software to transfer / receive message and

monitor/controlling external parameters in a system. Additionally, the invention is

5 compatible with ATA/ATAPI by using of ATA protocol or side-band protocol to make
a main system communicates with other device(s) through original ATA/ATAPI
device's data cable.

Also, the invention is using by the system's data cables and non-standard controlling
sequence to transfer and receive message by the same cable to connect with the

10 external devices for monitoring/ controlling external parameters. Hence, those
advantages are data wires in the invention shall be reduced and simplified
loops. Also, the invention can decrease the manufacture costs and get a better
heating-dissipation.